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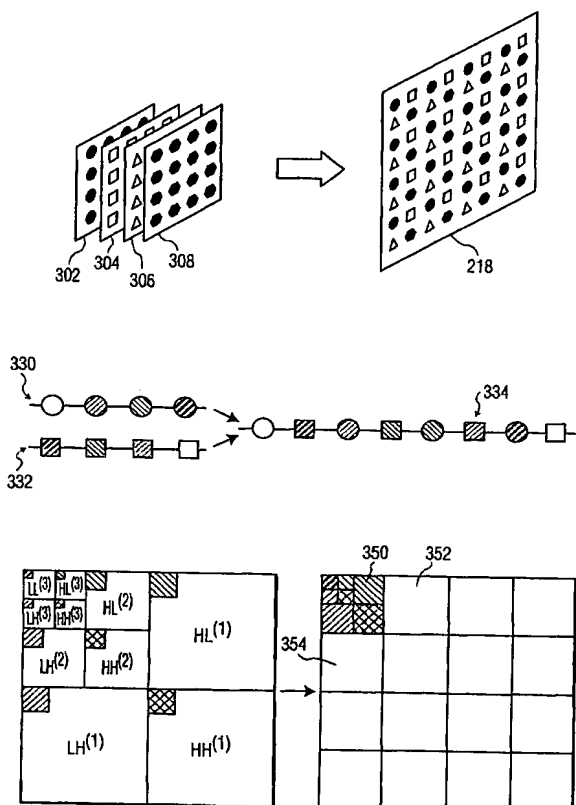
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(54) Title: **THREE-DIMENSIONAL WAVELET VIDEO CODING USING MOTION-COMPENSATED TEMPORAL FILTERING ON OVERCOMPLETE WAVELET EXPANSIONS**



(57) Abstract: Encoding and decoding methods and apparatuses are provided for encoding and decoding video frames. The encoding method (700) and apparatus (110) use three dimensional lifting in an overcomplete wavelet domain to compress video frames. The decoding method (800) and apparatus (118) also use three dimensional lifting in the overcomplete wavelet domain to decompress the video frames.

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